

CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) The method of screening epithelial tissue for possible abnormal tissue sites, said method comprising:

(a) illuminating a gross anatomical area or epithelial tissue with a light of preselected wavelengths that selectively aids in visualizing abnormal tissue sites on said gross area; and

(b) viewing said gross area through filter lens which transmit light in said preselected wavelengths, while substantially blocking transmission of light of wavelengths other than said preselected wavelengths, to enhance the visualization of any of said abnormal tissue sites in the presence of normal ambient light.

2. (New) A method of detecting abnormal epithelial tissue, comprising:

illuminating an area of epithelial tissue with light having at least one preselected wavelength such that the light is reflected from the area, thereby creating reflected light;

filtering the reflected light to substantially remove wavelengths other than the at least one preselected wavelength, thereby creating filtered light; and viewing the filtered light.

3. (New) The method of claim 2, further comprising determining if the filtered light is white.

4. (New) The method of claim 3, wherein if the filtered light is white, the method further comprises performing an assessment of the area, wherein the assessment is one selected from the group consisting of a tissue biopsy, a histological analysis, or a molecular analysis.

5. (New) The method of claim 2, wherein the at least one preselected wavelength is from about 400 nm to about 600 nm.

6. (New) The method of claim 2, wherein the abnormal epithelial tissue includes tumor phenotypes.

7. (New) The method of claim 2, wherein the light further comprises ambient light and the step of filtering substantially removes ambient light.

8. (New) The method of claim 2, wherein the illuminating step comprises directing light emitted from a chemiluminescent light source toward the area of epithelial tissue.

9. (New) The method of claim 2, wherein the at least one preselected wavelength comprises a first wavelength of about 450 nm, a second wavelength of about 550 nm, and a third wavelength of about 600 nm.

10. (New) The method of claim 2, further comprising providing spectacles having a filter, and wherein the step of filtering the reflected light comprises filtering the reflected light with the spectacles.